

202109243650

1	ttttttttttgag	ATG GAG TTT TCG CTC TTG TTG CCC AGG CTG GAG TGC AAT GGC GCA ATC	62
1		M E F S L L L L P R L E C N C A I	16
63	TCA GCT CAC CGC AAC CTC CGC CTC CGG GGT TCA AGC GAT TCT CCT GCC TCA GCC TCC CCA	122	
17	S A H R N L R L P G S S D S P A S A S P	36	
123	GTA GCT GGG ATT ACA GGC ATG TGC ACC CAC GCT CGG CTA ATT TTG TAT TTT TTA GTA	182	
37	V A G I T G M C T H A R L I L Y F F L V	56	
183	GAG ATG GAG TTT CTC CAT GTT GGT CAG GCT GGT CTC GAA CTC CGG ACC TCA GAT GAT CCC	242	
57	E M E F L H V G Q A G L E L P T S D D P	76	
243	TCC GTC TCG GCC TCC CAA AGT GCT AGA TAC AGG ACT GGC CAC CAT GGC CGG CTC TGC CTG	302	
77	S V S A S Q S A R Y R T G H A R L C L	96	
303	GCT AAT TTT TGT GGT AGA AAC AGG GTT TCA CTG ATG TGC CCA AGC TGG TCT CCT GAG CTC	362	
97	A N F C G R N R V S L M C P S W S P E L	116	
363	AAG CAG TCC ACC TGC CTC AGC CTC CCA AAG TGC TGG GAT TAC AGG CGT GCA GCC GTG CCT	422	
117	K Q S T C L S L P K C W D Y R R A A V P	136	
423	GGC CTT TTT ATT TTA TTT TTT TTA AGA CAC AGG TGT	482	
137	G L F I L F F L R H R C P T L T Q D E V	156	

FIG. 1A

202210-8294950

483	CAG	IGG	TGT	GAT	CAC	AGC	TCA	CTG	CAG	CCT	TCA	ACT	CCT	GAG	ATC	AAG	CAT	CCT	CCT	CCC	542	
157	Q	W	C	D	H	S	S	L	Q	P	S	T	P	E	I	K	H	P	P	A	176	
543	TCA	GCC	TCC	CAA	GTA	GCT	GGG	ACC	AAA	GAC	ATG	CAC	CAC	TAC	ACC	TGG	CIA	ATT	TTT	ATT	602	
177	S	A	S	Q	V	A	G	T	K	D	M	H	H	Y	T	W	L	I	F	I	196	
603	TTT	ATT	TTT	AAT	TTT	TIG	AGA	CAG	AGT	CTC	AAC	TCT	GTC	ACC	CAG	GCT	GGA	GTG	CAG	TGG	662	
197	F	I	F	N	F	L	R	Q	S	L	N	S	V	T	Q	A	G	V	Q	W	216	
663	CGC	AAT	CTT	GGC	TCA	CTG	CAA	CCT	CTG	CCT	CCC	GGG	TTC	AAG	TTA	TTC	TCC	TGC	CCC	AGC	722	
217	R	N	L	G	S	L	Q	P	L	P	P	G	F	K	L	F	S	C	P	S	236	
723	CTC	CTG	AGT	AGC	TGG	GAC	TAC	AGG	CGC	CCA	CCA	CGC	CIA	GCT	AAT	TTT	TTT	GTA	TTT	TTA	782	
237	L	L	S	S	W	D	Y	R	R	P	P	R	L	A	N	F	F	V	F	L	256	
783	GTA	GAG	ATG	GGG	TTC	ACC	ATG	TTC	GGC	AGG	TTC	ATC	TTC	ATC	TCT	GGA	CCT	TGT	GAT	CTG	842	
257	V	E	M	G	F	T	M	F	A	R	L	I	L	I	S	G	P	C	D	L	276	
843	CCT	CCC	TCC	CAA	AGT	GCT	GGG	ATT	ACA	GGC	GTG	AGC	CAC	CAC	CCC	CGG	CTT	ATT			902	
277	P	A	S	A	S	Q	S	A	G	I	T	G	V	S	H	A	R	L	I			296
903	TTT	AAT	TTT	TGT	TIG	TTT	GAA	ATG	GAA	TCT	CAC	TCT	GTT	ACC	CAG	GCT	GGA	GTG	CAA	TGG	962	
297	F	N	F	C	L	F	E	M	E	S	H	S	V	T	Q	A	G	V	Q	W	316	

FIG. 1B

Appl. No. 09/964,678; Group Art Unit: 1633
 Dkt. No. 0609.4370002/RWE/FRC; Batch No.: N/A
 Inventors: de la Monte *et al.*; Tel: 202/371-2600
 Title: Transgenic Animals and Cell Lines for Screening Drug
 Effective for the Treatment or Prevention of Alzheimer's etc.

963 CCA AAT CTC GGC TCA CTG CAA CCT CTG CCT CCC GGG CTC AAG CGA TTC ICC TGT CTC AGC 1022
 317 P N L G S L Q P L P P G L K R F S C L S 336

1023 CTC CCA AGC AGC TGG GAT TAC GGG CAC CTG CCA CCA CAC CCC GCT AAT TTT TGT ATT TTC 1082
 337 L P S S W D Y G H L P P H P A N F C I F 356

1083 ATT AGA GGC GGT TCA CCA TAT TTG TCA GGC TGG TCT CAA ACT CCT GAC CTC AGG tgac 1143
 357 I R G G V S P Y L S G W S Q T P D L R 375

1144 ccacctgcctcagccctccaaagtgcctgggattacaggcgtgagccacctcaccagcggcctaatttagataaaaaaat 1223

1224 atgtagcaatgggggtcttgctatgttgccaggctggtctcaaaacttctggttcattgcaatccttccaaatgagcca 1303

1304 caacaccagccagtcacattttttaaacagttacatcttttatttagtatactagaaagtaatacaataaacatgtcaa 1383

1384 acctgcaattcagtagtaacagagttcttttataaactttttaaacaaagcttttagagca 1442

FIG. 1C

Appl. No. 09/964,678; Group Art Unit: 1633
 Dkt. No. 0609.4370002/RWE/FRC; Batch No.: N/A
 Inventors: de la Monte *et al.*; Tel: 202/371-2600
 Title: Transgenic Animals and Cell Lines for Screening Drugs
 Effective for the Treatment or Prevention of Alzheimer's etc.

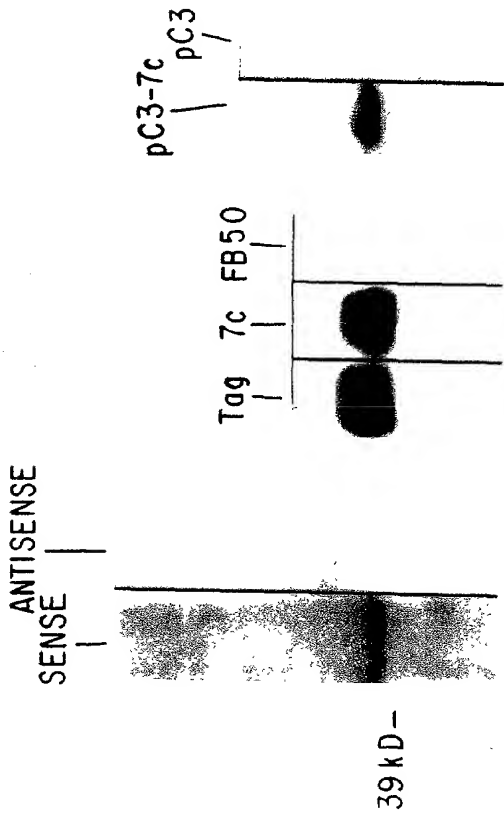


FIG.2A FIG.2B FIG.2C

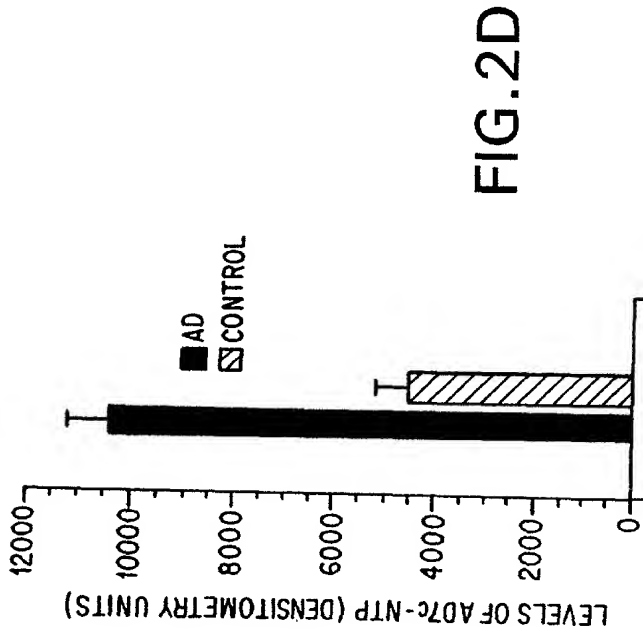


FIG.2D

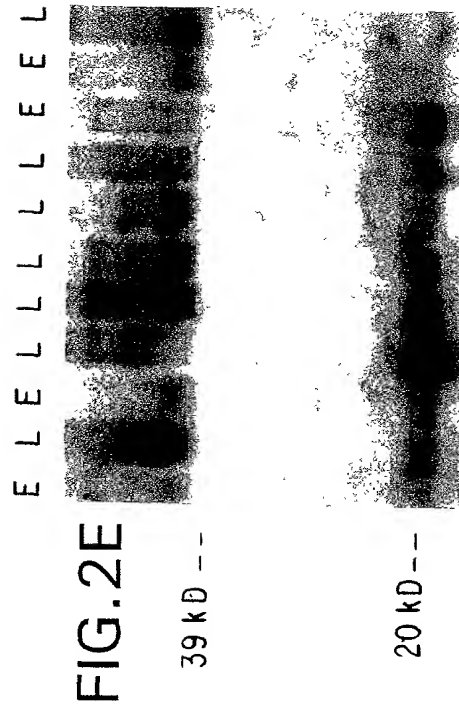
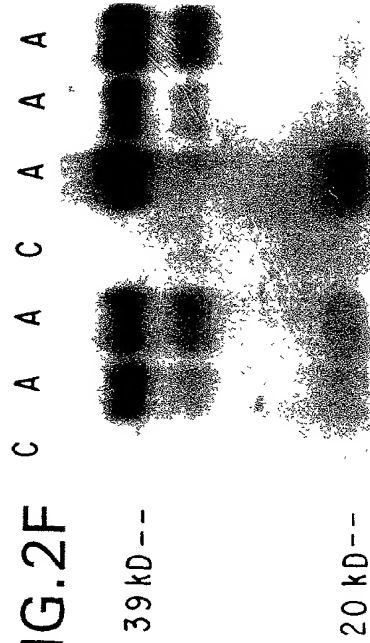


FIG.2E

FIG.2F



202210-82949550

Appl. No. 09/964,678; Group Art Unit: 1633
 Dkt. No. 0609.4370002/RWE/FRC; Batch No.: N/A
 Inventors: de la Monte *et al.*; Tel: 202/371-2600
 Title: Transgenic Animals and Cell Lines for Screening Drugs
 Effective for the Treatment or Prevention of Alzheimer's etc.

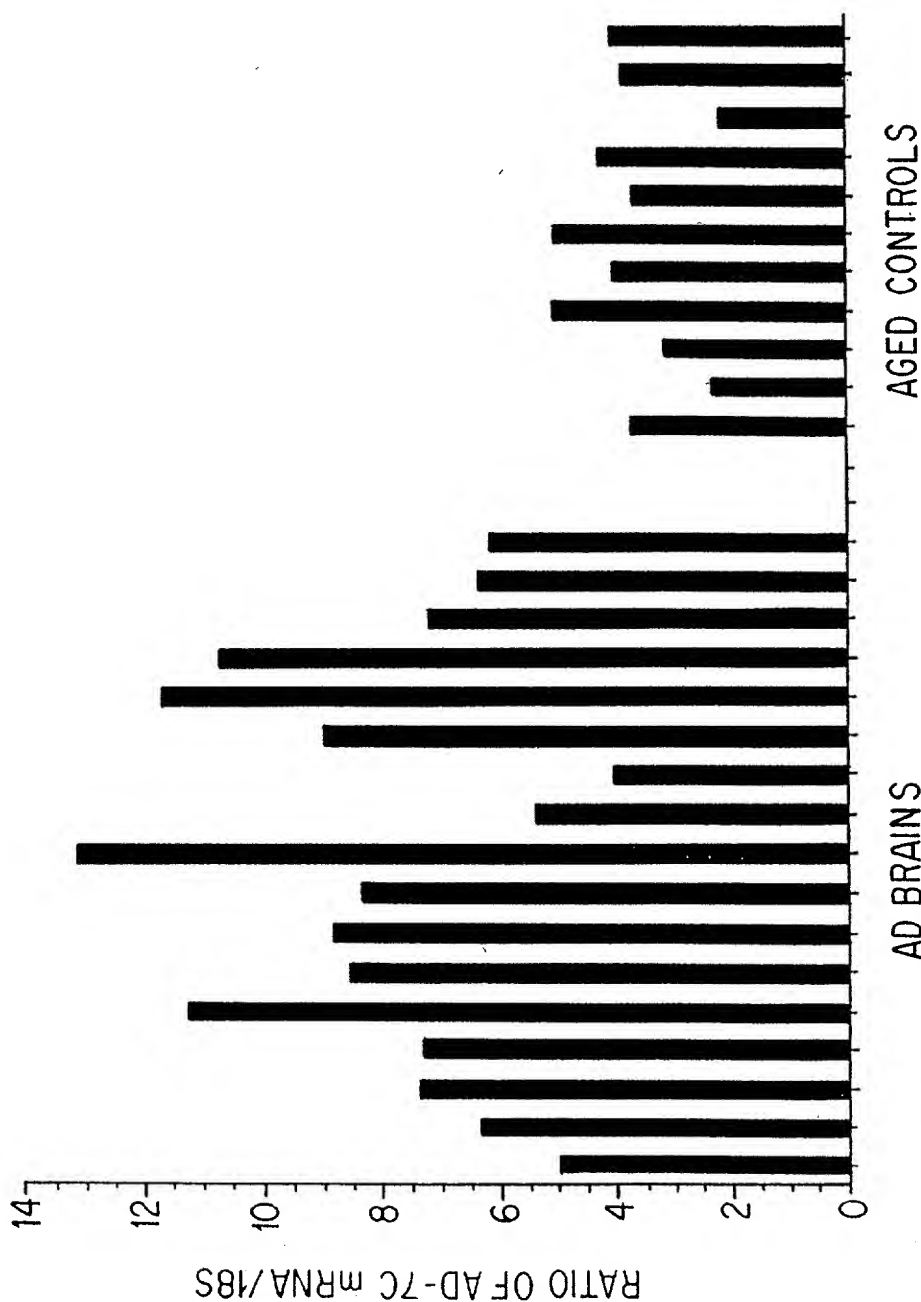


FIG. 3A

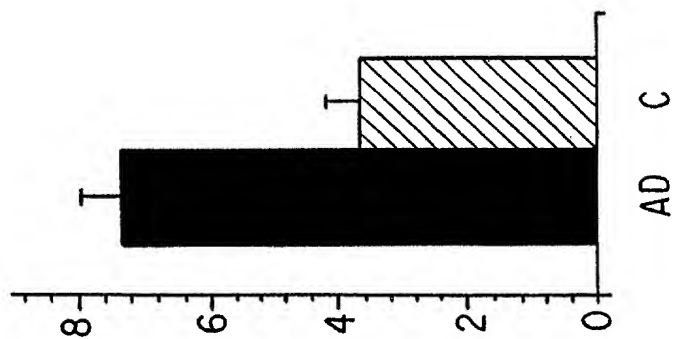


FIG. 3B

Appl. No. 09/964,678; Group Art Unit: 1633
Dkt. No. 0609.4370002/RWE/FRC; Batch No.: N/A
Inventors: de la Monte *et al.*; Tel: 202/371-2600
Title: Transgenic Animals and Cell Lines for Screening Drug
Effective for the Treatment or Prevention of Alzheimer's etc



FIG. 3C



FIG. 3D

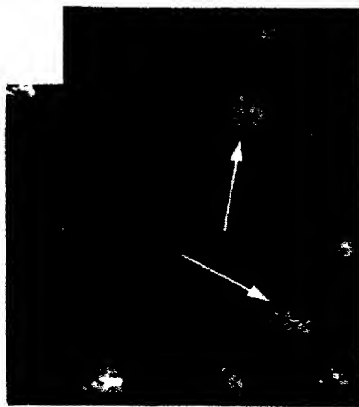


FIG. 3E



FIG. 3F

Appl. No. 09/964,678; Group Art Unit: 1633
Dkt. No. 0609.4370002/RWE/FRC; Batch No.: N/A
Inventors: de la Monte *et al.*; Tel: 202/371-2600
Title: Transgenic Animals and Cell Lines for Screening Drugs
Effective for the Treatment or Prevention of Alzheimer's etc.

FIG. 4A

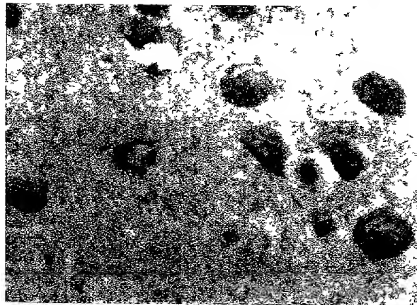


FIG. 4B

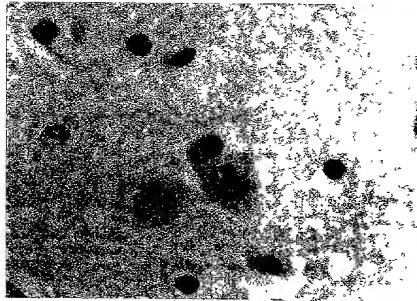


FIG. 4C

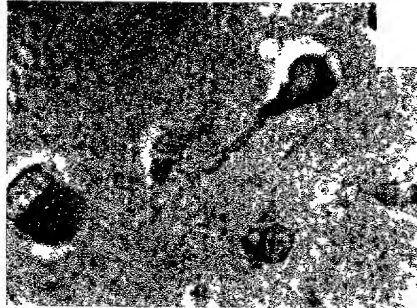


FIG. 4D

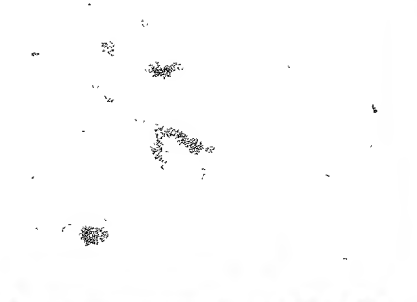


FIG. 4E

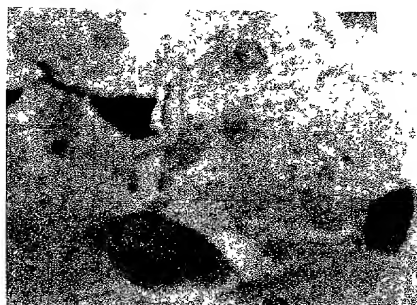


FIG. 4F

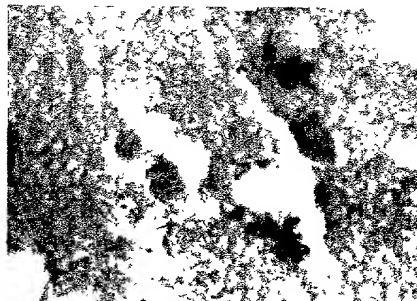


FIG. 4G

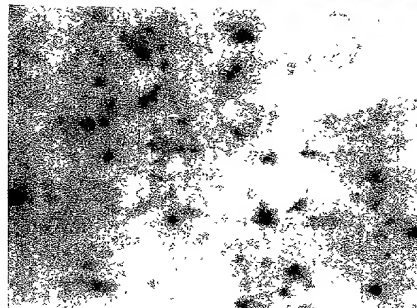
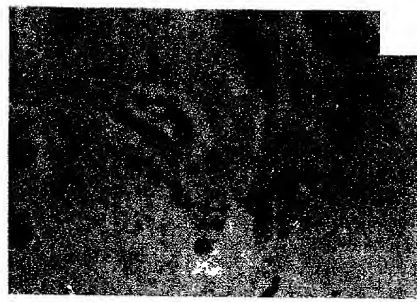


FIG. 4H



Appl. No. 09/964,678; Group Art Unit: 1633
 Dkt. No. 0609.4370002/RWE/FRC; Batch No.: N/A
 Inventors: de la Monte *et al.*; Tel: 202/371-2600
 Title: Transgenic Animals and Cell Lines for Screening Drugs
 Effective for the Treatment or Prevention of Alzheimer's etc.

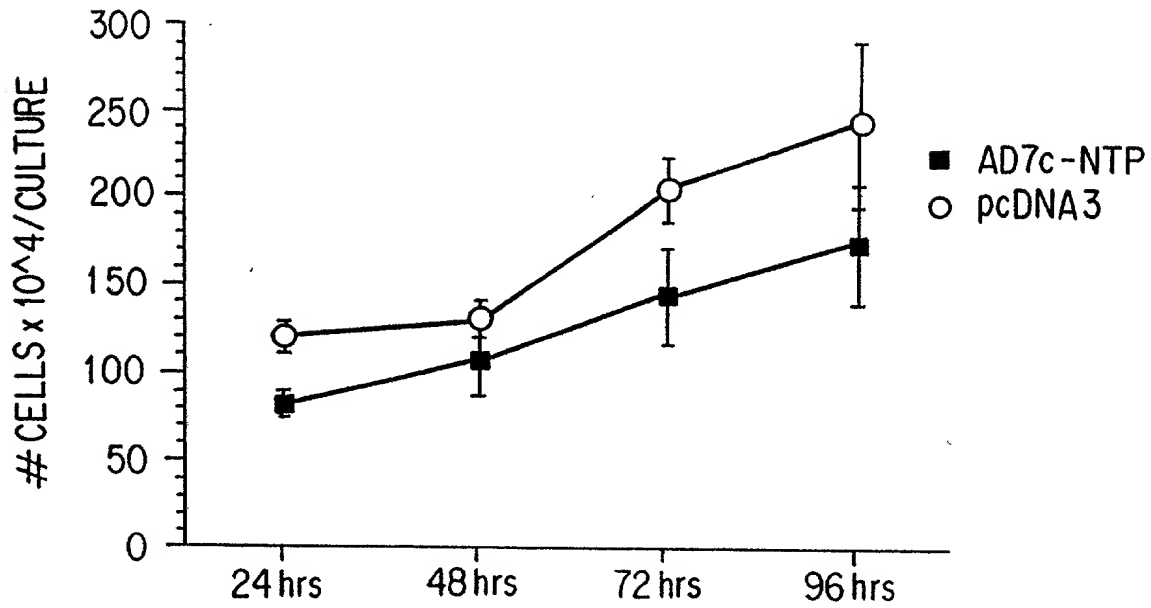


FIG. 5A

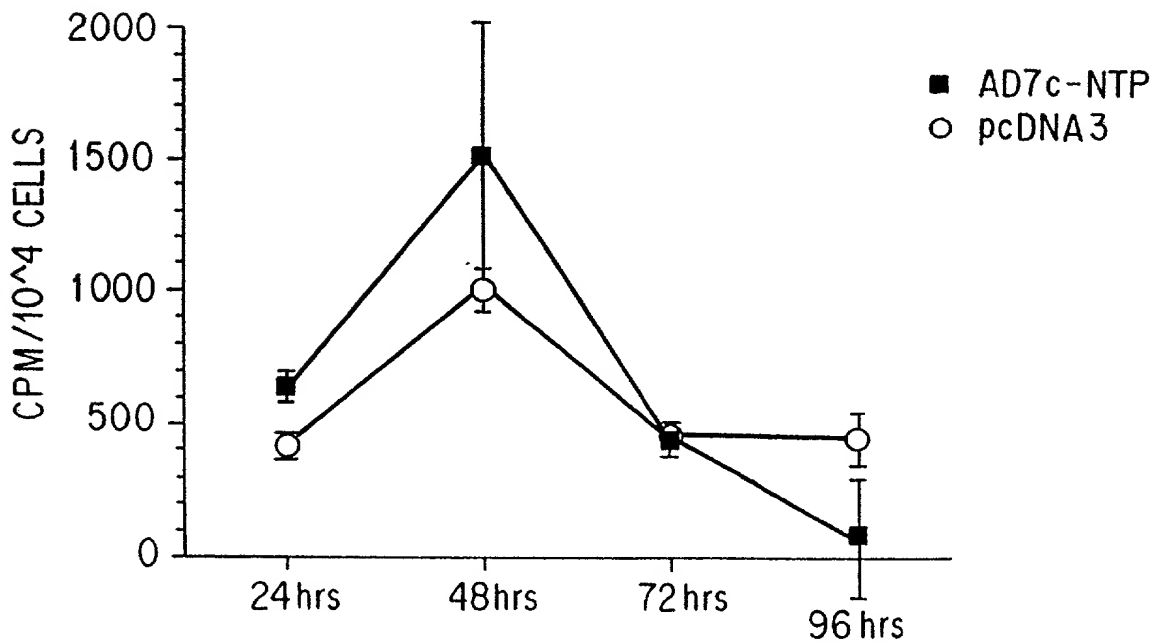


FIG. 5B

Appl. No. 09/964,678; Group Art Unit: 1633
Dkt. No. 0609.4370002/RWE/FRC; Batch No.: N/A
Inventors: de la Monte *et al.*; Tel: 202/371-2600
Title: Transgenic Animals and Cell Lines for Screening Drug
Effective for the Treatment or Prevention of Alzheimer's etc.

FIG. 6A FIG. 6B

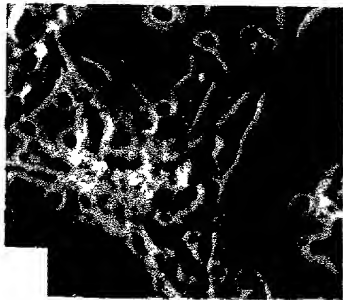


FIG. 6C FIG. 6D

FIG. 6E



FIG. 6F

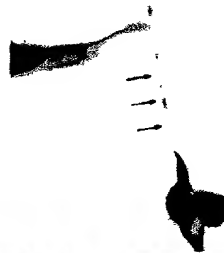
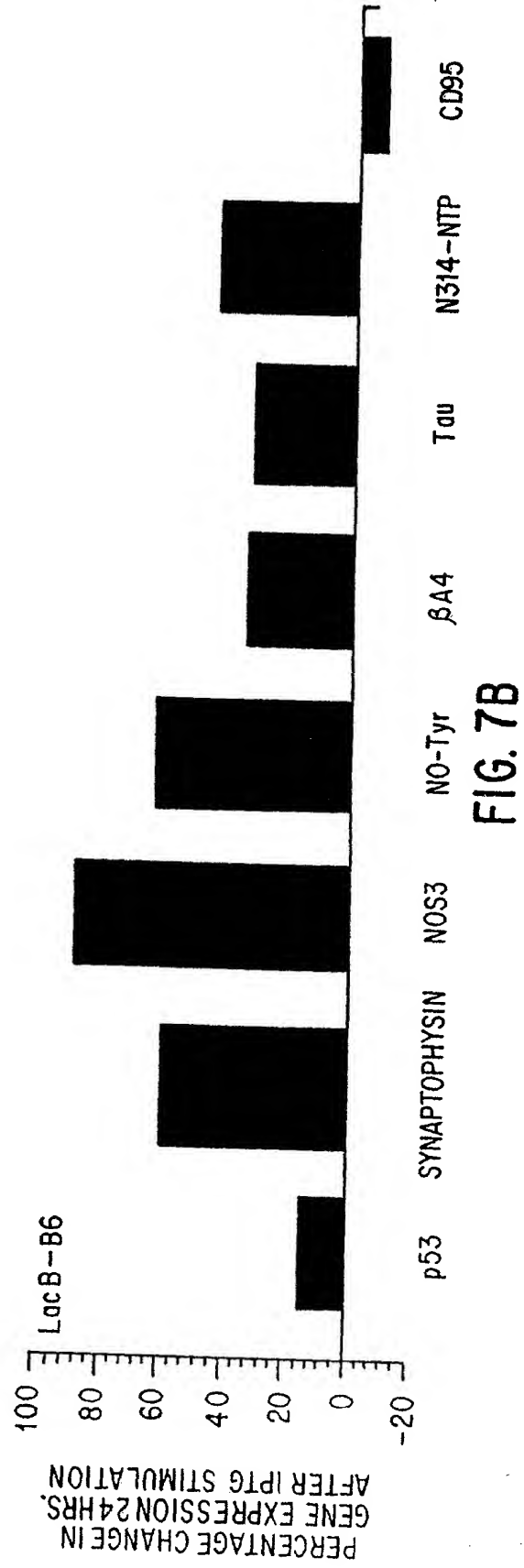
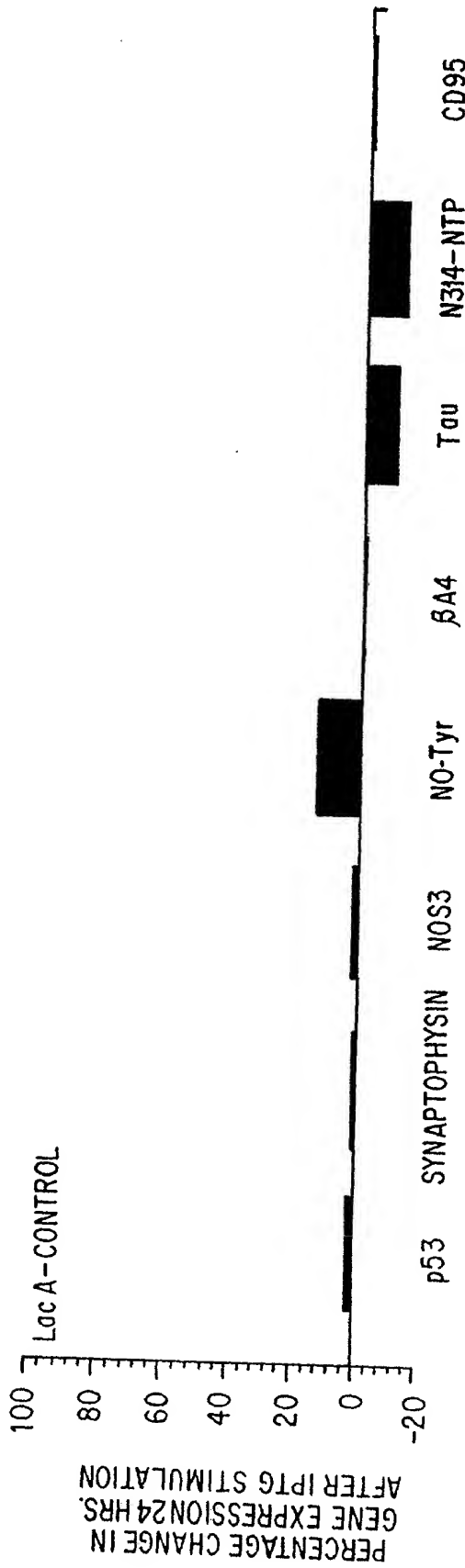


FIG. 6G



Appl. No. 09/964,678; Group Art Unit: 1633
Dkt. No. 0609.4370002/RWE/FRC; Batch No.: N/A
Inventors: de la Monte *et al.*; Tel: 202/371-2600

Title: Transgenic Animals and Cell Lines for Screening Drugs Effective for the Treatment or Prevention of Alzheimer's etc.



Appl. No. 09/964,678; Group Art Unit: 1633
 Dkt. No. 0609.4370002/RWE/FRC; Batch No.: N/A
 Inventors: de la Monte *et al.*; Tel: 202/371-2600
 Title: Transgenic Animals and Cell Lines for Screening Drugs
 Effective for the Treatment or Prevention of Alzheimer's etc.

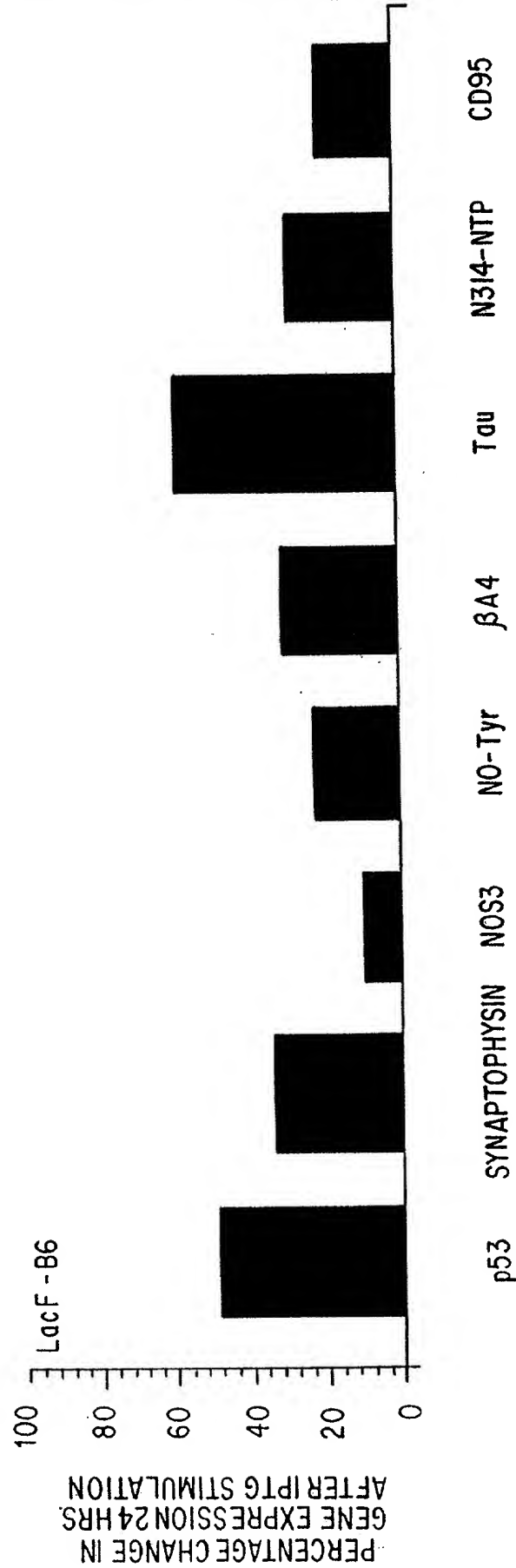


FIG. 7C

Appl. No. 09/964,678; Group Art Unit: 1633
 Dkt. No. 0609.4370002/RWE/FRC; Batch No.: N/A
 Inventors: de la Monte *et al.*; Tel: 202/371-2600
 Title: Transgenic Animals and Cell Lines for Screening Drug
 Effective for the Treatment or Prevention of Alzheimer's etc

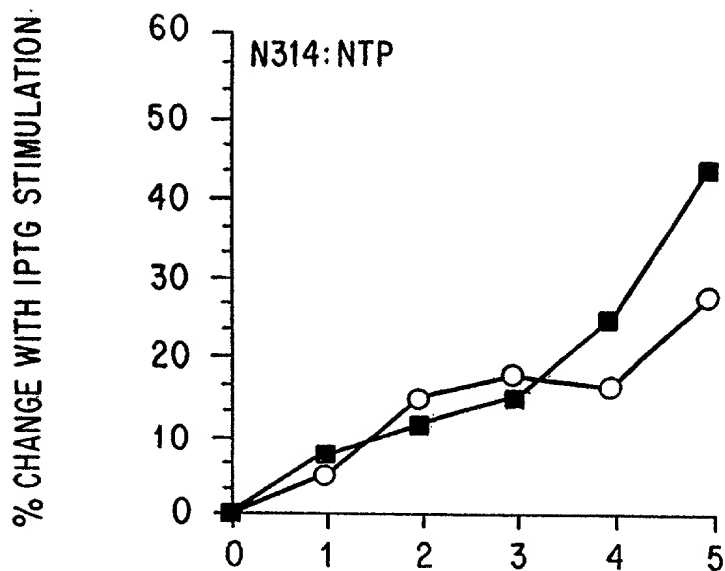


FIG. 8A

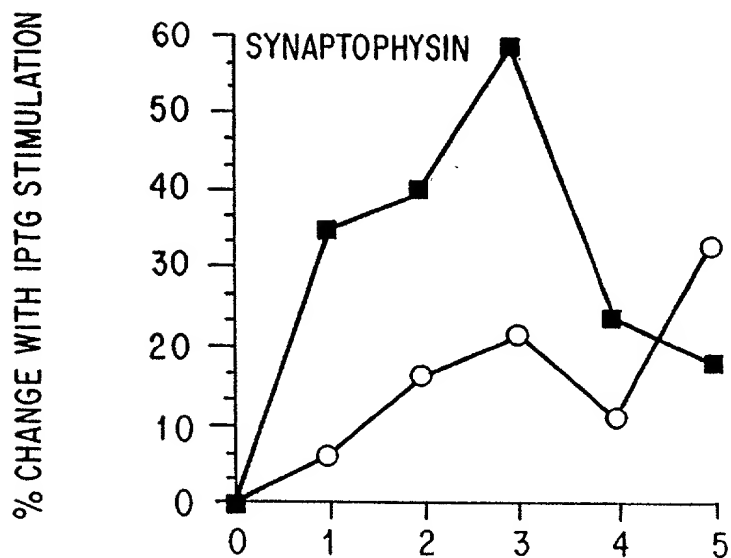


FIG. 8B

Appl. No. 09/964,678; Group Art Unit: 1633
 Dkt. No. 0609.4370002/RWE/FRC; Batch No.: N/A
 Inventors: de la Monte *et al.*; Tel: 202/371-2600
 Title: Transgenic Animals and Cell Lines for Screening Drugs
 Effective for the Treatment or Prevention of Alzheimer's etc.

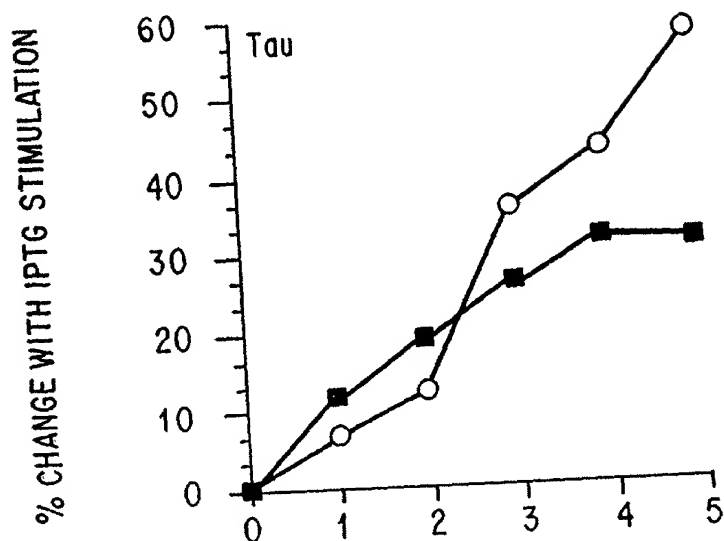


FIG. 8C

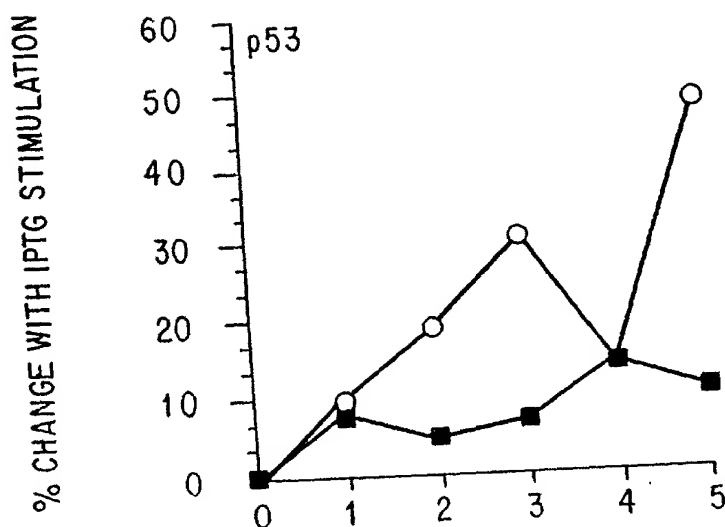


FIG. 8D

Appl. No. 09/964,678; Group Art Unit: 1633
 Dkt. No. 0609.4370002/RWE/FRC; Batch No.: N/A
 Inventors: de la Monte *et al.*; Tel: 202/371-2600
 Title: Transgenic Animals and Cell Lines for Screening Drugs
 Effective for the Treatment or Prevention of Alzheimer's etc.

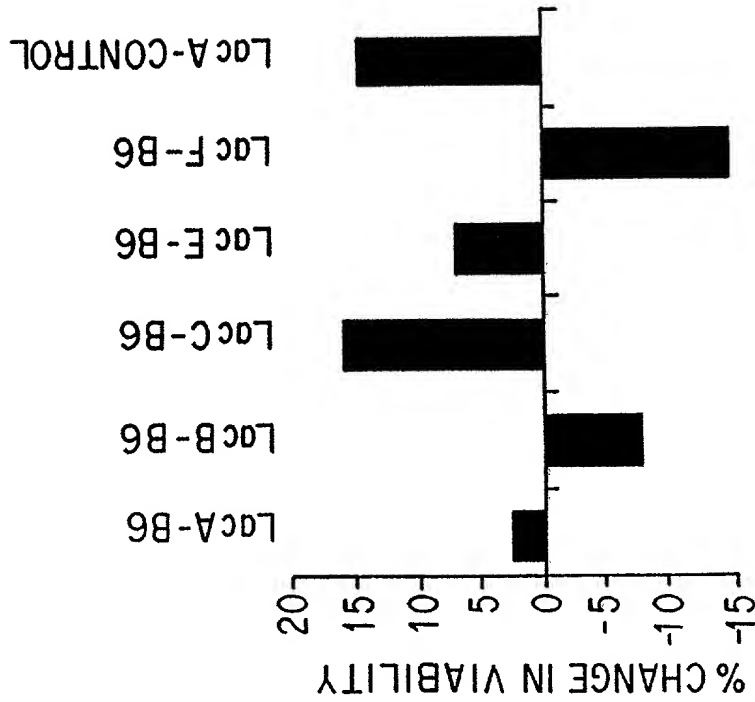


FIG. 9B

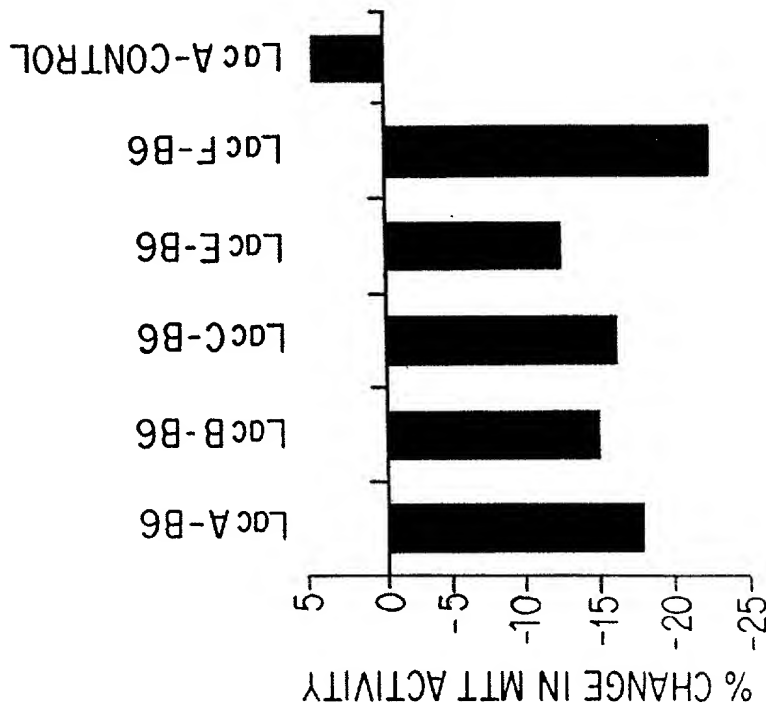


FIG. 9A

Appl. No. 09/964,678; Group Art Unit: 1633

Dkt. No. 0609.4370002/RWE/FRC; Batch No.: N/A

Inventors: de la Monte *et al.*; Tel: 202/371-2600

Title: Transgenic Animals and Cell Lines for Screening Drug Effective for the Treatment or Prevention of Alzheimer's etc.

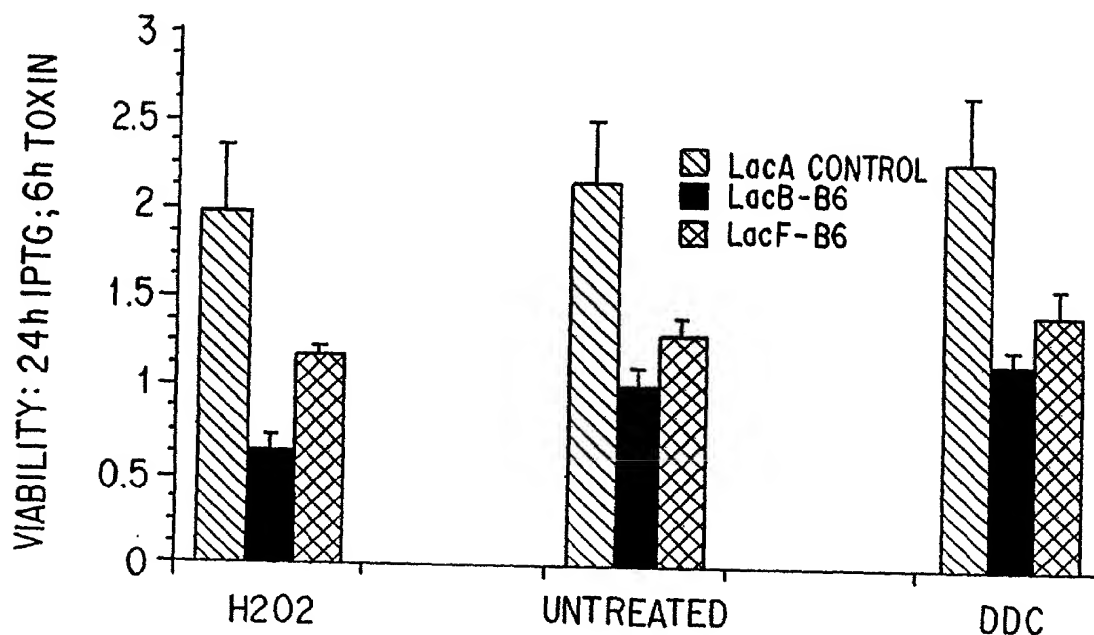


FIG. 10A

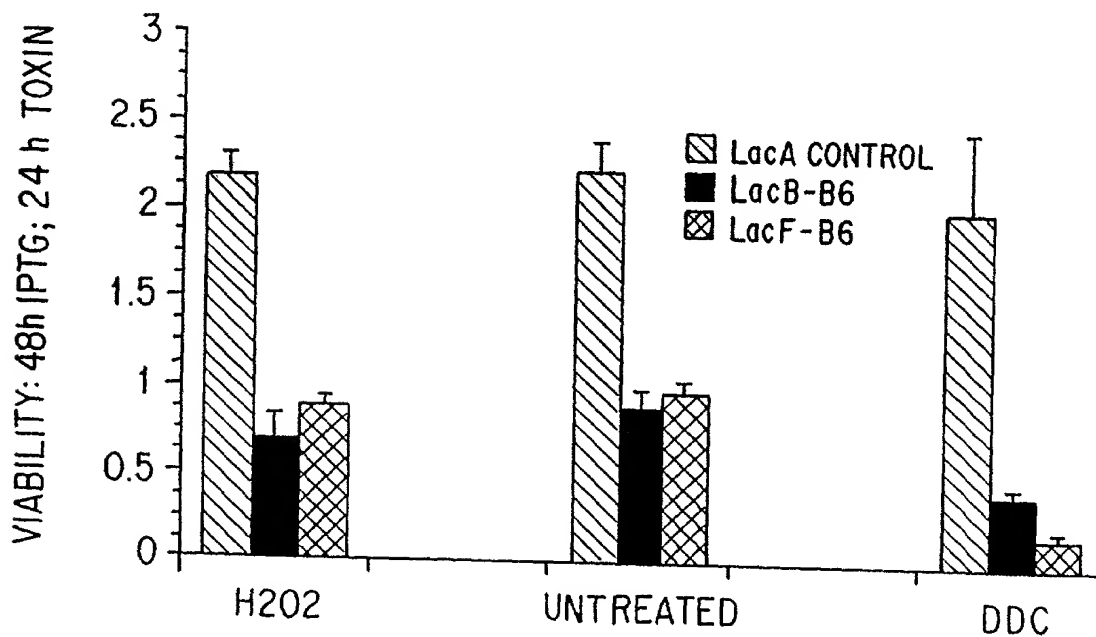


FIG. 10B

202210-82949660

Appl. No. 09/964,678; Group Art Unit: 1633
 Dkt. No. 0609.4370002/RWE/FRC; Batch No.: N/A
 Inventors: de la Monte *et al.*; Tel: 202/371-2600
 Title: Transgenic Animals and Cell Lines for Screening Drugs
 Effective for the Treatment or Prevention of Alzheimer's etc.

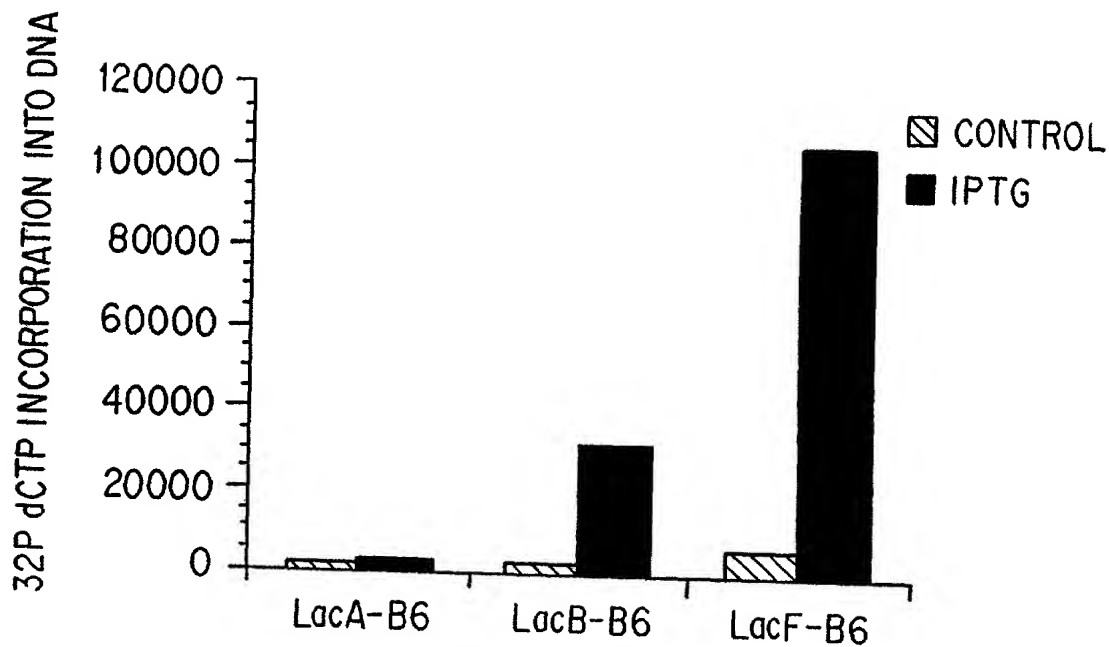


FIG. 11

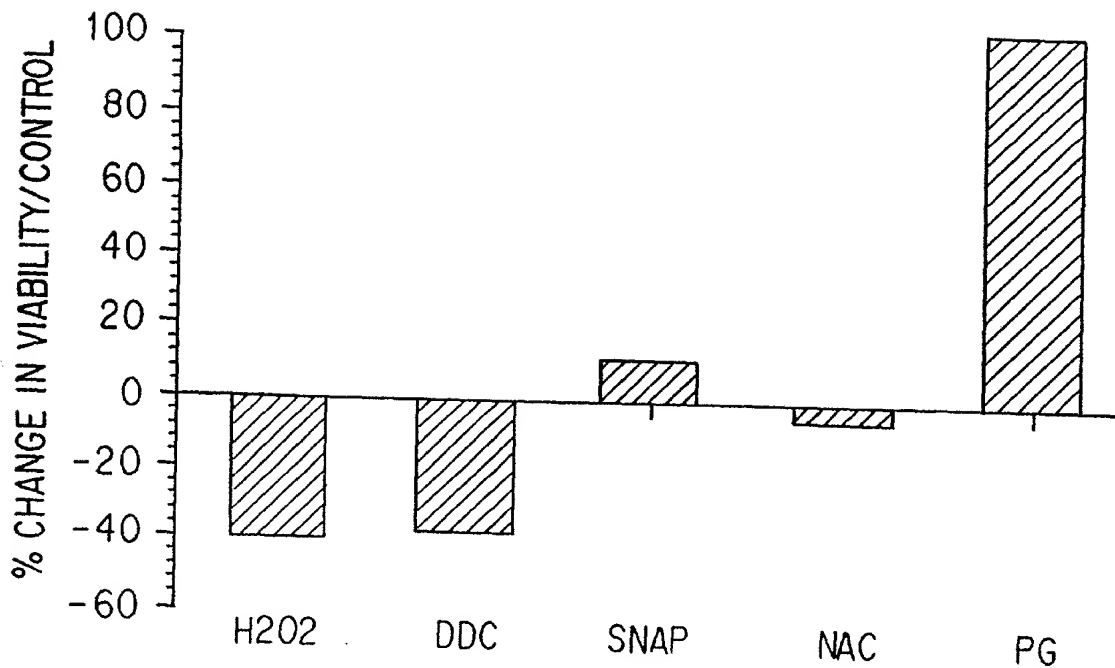


FIG. 12